IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor:	Hawtof, et al.	
Serial No:	09/762,307	Group Art Unit: 1731
Filing Date:	1/31/01	Examiner: Vincent, Sean E.
Title:	Method and Apparatus for Forming Soot for the Manufacture of Glass	**REPLY**

Commissioner of Patents
Alexandria, VA 22313-1450

RESPONSE TO THE EXAMINER'S INTERVIEW SUMMARY

In reply to the Examiner's Interview Summary dated 6/24/03, designated as Paper No.20030623 in the above-captioned application, please enter the following Statement of the Substance of the Interview held 6/20/03 as follows:

Statement of Interview

On June 20, 2003, Examiner called to suggest an Examiner's Amendment to claims 11 and 19 in the above-referenced application. Specifically, a request was made to amend claims 11 and 19 such that it was clear that the injector of the present invention is constructed to deliver liquid precursor as a liquid stream. On behalf of Applicants, Applicants' Agent agreed to the Examiner's amendment.

The claims as agreed to are:

11. (currently amended) A burner assembly for delivering a liquid precursor into a flame as an aerosol to form soot for making optical waveguides, said burner assembly comprising:

a housing having a burner face defining a plurality of gas orifices and an atomization orifice, said housing defining an injector chamber and a plurality of gas passageways, the gas passageways being in fluid communication with the gas orifices and the injector chamber; and

an injector having a first end defining an injector orifice in fluid communication with the liquid precursor and constructed to deliver the liquid precursor as a liquid stream, said injector being positioned within the injector chamber and, together with said housing, defining a pressurization chamber wherein the injector orifice is remote from [form] the atomization orifice.

19. (currently amended) A burner assembly for the liquid delivery of optical waveguide precursors, said burner assembly comprising:

an injector constructed and arranged to deliver the liquid precursor as a liquid stream; and a housing substantially surrounding said injector, said housing having a burner face including an orifice rim defining an atomization orifice, the orifice rim being shaped such that turbulence is reduced as the liquid precursor is discharged from the atomization orifice.

Applicants believe that no extension of time is necessary to make this Response timely. Should Applicants be in error, Applicants respectfully request that the Office grant such time extension pursuant to 37 C.F.R. § 1.136(a) as necessary to make this Reply timely, and hereby authorizes the Office to charge any necessary fee or surcharge with respect to said

time extension to the deposit account of the undersigned firm of attorneys, Deposit Account 03-3325.

Please direct any questions or comments to Kevin M. Able at 607-974-2637.

Respectfully submitted,

CORNING INCORPORATED

Date: 7/18/03

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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8: I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner of Patents, Alexandria, VA 22313-1450 on

7/18/03
Date of Deposit

Kevin M. Able
Name of applicant, assignee, or Registered Representative

Signature

7/18/03
Date of Signature